

# MPX-S

## Multimode network splitter



**M** PX-S Multimode network splitter is a device used to differentiate advertisement airing among different areas of the same network.

It can handle up to 16 different areas in a single rack unit device and can accept splitting commands from some of the major commercial radio automation systems.

**U** sing high quality solid state audio switches, allowing for a second redundant power supply to be installed internally and having a passive safety switch which will connect all outputs to the network input in case of internal failure, it is designed for maximum reliability over time.

**T** he front panel LCD allows to monitor the audio level of all inputs and their network/split status, and also shows and records any anomaly occurred during advertisement airing.

**A** n integrated MPX monitor, that can be switched on any output, include a DSP based stereo decoder, an RDS blocks decoder and a subcarrier meter.

Rear view 16ch



### Technical features:

#### ● Audio inputs

MPX Module:

- 2 Mpx network inputs
- 8 Mpx inputs / 16 with option
- Input impedance 10Kohm
- Output impedance 50 ohm
- Solid state switching
- Emergency Bypass on input 1

#### ● Remote control

Optoisolated inputs on d-sub 25 pin connector  
RS-232  
Rj45 Ethernet

#### ● Alarms Log

reporting and storage of airing anomalies

#### ● MPX Monitor

DSP stereo decoder, visualization of L/R level, headphone output  
RDS decoder (PI, PS, RT, DI, MS, TP, TA, AF lists, visualization and filtering of raw RDS data blocks)  
Pilot carrier metering  
RDS carrier metering

#### ●

#### Headphones output

1/4" front panel jack  
Output: 100mW RMS over 50 ohm

#### ●

#### Power supply

100-240VAC 50/60Hz  
Optional redundant power supply

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#### Dimensions

1 rack unit 19"  
44mm x 483mm x 156mm

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#### Weight